

Converting Colors

CIELCh(77, 36.936, 3.842)

Have a look what the booklet for
CIELCh(77, 36.936, 3.842) contains.

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Color

CIELCh(77, 36.622, 3.601)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4BB
RGB	255, 164, 187
RGB Percent	100%, 64%, 73%
CMY	0.0000, 0.3560, 0.2658
CMYK	0.00, 0.36, 0.27, 0.00
HSL	345°, 100%, 82%
HSV	345°, 36%, 100%
XYZ	63.6355, 51.5317, 53.7291
YIQ	193.8310, 46.8530, 26.4450

Conversions

Conversions Part 2

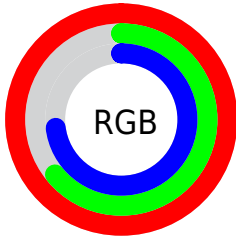
Format	Color
R _Y B	255, 164, 187
Decimal	16753851
CIE Lab	77.00, 36.55, 2.30
CIE LCh	77, 36.622, 3.601
Yxy	51.5317, 0.3768, 0.3051
Android (android.graphics.Color)	4294943931 (0xFFFFA4BB)
YUV	193.8310, -3.3677, 53.6452
Hunter-Lab	71.7856, 32.6094, 5.8734

Details

The CIELCh color **77, 36.622, 3.601** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 32.160, 175.704**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.244, 337.050**, and **57, 36.362, 3.511** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.262, 5.354**, and if you desaturate by 10%, it is **83, 25.842, 2.061**.

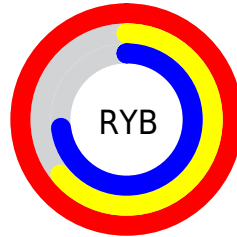
Distribution



Red (100%)

Green (64%)

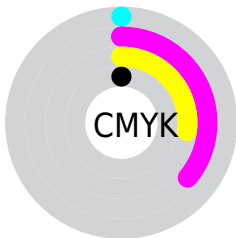
Blue (73%)



Red (100%)

Yellow (64%)

Blue (73%)

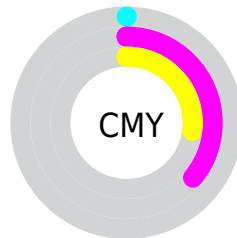


Cyan (0%)

Magenta (36%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.622, 3.601 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 77, 36.622, 3.601 by changing the saturation by 10% instead.

 77, 36.622, 3.601  77, 36.622, 3.601

 100, 36.622, 3.601  67, 36.622, 3.601

 97, 36.622, 3.601  57, 36.622, 3.601

 47, 36.622, 3.601

 37, 36.622, 3.601

 27, 36.622, 3.601

 17, 36.622, 3.601

 7, 36.622, 3.601

 0, 36.622, 3.601

 77, 36.622, 3.601  77, 36.622, 3.601

71, 47.262, 5.354

83, 25.842, 2.061

66, 57.678, 7.608

90, 15.423, 0.813

61, 67.331, 10.460

96, 5.410, 359.693

58, 75.777, 14.079

100, 0.012,
296.813

55, 82.755, 18.598

54, 88.386, 23.972

54, 90.693, 26.424

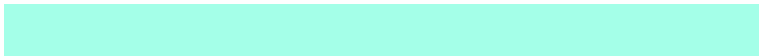
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77, 36.622, 3.601



94, 32.160, 175.704

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 36.622, 3.601



77, 36.622, 53.601



77, 36.622, 183.601



77, 36.622, 233.601

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77, 36.532, 3.545



93, 10.764, 0.294



77, 53.359, 318.321



48, 7.255, 0.445



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 36.532, 3.545



73, 44.488, 4.846



81, 30.548, 42.613



50, 5.544, 0.130



40, 72.483, 25.345



10, 31.682, 15.791

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 36.532, 3.545



73, 44.488, 4.846



89, 23.840, 225.974



50, 5.544, 0.130



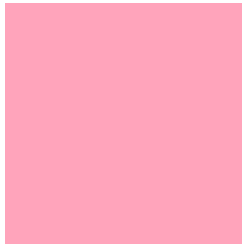
40, 72.483, 25.345



10, 31.682, 15.791

Previews

White Background



This preview shows how the CIELCh color 77, 36.622, 3.601 looks on a white background.

Color Contrast Check

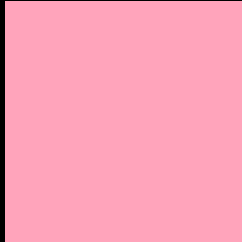
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 36.622, 3.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 36.622, 3.601

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.622, 3.601.



This preview shows how white text looks on a background with the CIELCh color 77, 36.622, 3.601.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
77, 36.622, 3.601

Protanopia
77, 7.035, 296.695

Deuteranopia
77, 10.269, 20.199



Tritanopia
77, 34.754, 12.196

Trichromacy



Original Color
77, 36.622, 3.601



Protanomaly
77, 15.581, 344.996



Deuteranomaly
77, 19.575, 8.568



Tritanomaly
77, 35.310, 8.953

Monochromacy



Original Color
77, 36.622, 3.601



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 13.296, 359.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.622, 3.601 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 164, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 164, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.622, 3.601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 164, 187) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 164, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 164, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.622, 3.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
164, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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